

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L26	485	semiconduct\$3 adj (nanocrystal)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:23			0
2	BRS	L27	792	semiconduct\$3 same (nanocrystal)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:24			0
3	BRS	L28	47	ionic adj conjugate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:24			0
4	BRS	L29	76250	linker or (linking adj group)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:25			0
5	BRS	L30	43284	fusion adj protein	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:25			0
6	BRS	L31	1	27 same 29 same 30	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:26			0
7	BRS	L32	1	27 same 28	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:26			0
8	BRS	L33	1	(CdSe or ZnS) same (ionic adj conjugate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:26			0
9	BRS	L34	5815	leucine adj zipper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:27			0
10	BRS	L35	4119	maltose adj binding adj protein	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:27			0
11	BRS	L36	1024	polyspartate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:27			0
12	BRS	L37	7	immunoglobulin adj g adj binding adj protein	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:28			0
13	BRS	L38	1	(34 or 35 or 36 or 37) same 28	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:29			0
14	BRS	L39	1	(34 or 35 or 36 or 37) same 27	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:29			0
15	BRS	L40	343	anderson adj george.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:30			0
16	BRS	L41	1	matoussi adj hedi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:30			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
17	BRS	L42	0	mauro adj mathew.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:31			0
18	BRS	L44	45	bawendi adj mounqi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:31			0
19	BRS	L45	13	sundar adj vikram.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:31			0
20	BRS	L46	387	40 or 41 or 42 or 44 or 45	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:32			0
21	BRS	L47	39	46 and (27 or 28)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:33			0
22	BRS	L48	2	46 and (27 or 28) and 29 and 30	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/11/01 18:33			0

=> d his

(FILE 'HOME' ENTERED AT 18:34:43 ON 01 NOV 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA'  
ENTERED AT

18:35:32 ON 01 NOV 2004

L1 3830 S SEMICONDUCT? (P) NANOCRYSTAL  
L2 22 S IONIC CONJUGATE  
L3 1851242 S LINK?  
L4 167718 S FUSION PROTEIN  
L5 2 S L4 (P) L3 (P) L1  
L6 1 DUPLICATE REMOVE L5 (1 DUPLICATE REMOVED)  
L7 0 S L1 (P) L2  
L8 43854 S CDSE OR ZNS  
L9 0 S L8 (P) L2  
L10 2 S L8 (P) L3 (P) L4  
L11 1 DUPLICATE REMOVE L10 (1 DUPLICATE REMOVED)  
L12 0 S L11 NOT L6  
L13 18890 S LEUCINE ZIPPER  
L14 7855 S MALTOSE BINDING PROTEIN  
L15 790 S POLYASPARTATE  
L16 121 S IMMUNOGLOBULIN G BINDING PROTEIN  
L17 27610 S L13 OR L14 OR L15 OR L16  
L18 0 S L17 (P) L2  
L19 3 S L17 (P) L1  
L20 2 DUPLICATE REMOVE L19 (1 DUPLICATE REMOVED)  
L21 15057 S ANDERSON G?/AU  
L22 160 S MATTOUSSI H?/AU  
L23 867 S MAURO M?/AU  
L24 356 S BAWENDI M?/AU  
L25 164 S SUNDAR V?/AU  
L26 16502 S L21 OR L22 OR L23 OR L24 OR L25  
L27 1 S L26 AND L2  
L28 1 S L27 NOT (L11 OR L20)  
L29 115 S L26 AND L1  
L30 2 S L29 AND L3 AND L4  
L31 1 DUPLICATE REMOVE L30 (1 DUPLICATE REMOVED)  
L32 1 S L31 NOT L28

=> log y

ILE 'MEDLINE' ENTERED AT 18:35:32 ON 01 NOV 2004

ILE 'CAPLUS' ENTERED AT 18:35:32 ON 01 NOV 2004  
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ILE 'SCISEARCH' ENTERED AT 18:35:32 ON 01 NOV 2004  
opyright (c) 2004 The Thomson Corporation.

ILE 'AGRICOLA' ENTERED AT 18:35:32 ON 01 NOV 2004

> s semiconduct? (p) nanocrystal  
1 3830 SEMICONDUCT? (P) NANOCRYSTAL

> s ionic conjugate  
2 22 IONIC CONJUGATE

> s link?  
3 1851242 LINK?

> s fusion protein  
4 167718 FUSION PROTEIN

> s l4 (p) l3 (p) l1  
5 2 L4 (P) L3 (P) L1

> duplicate remove l5  
DUPLICATE PREFERENCE IS 'CAPLUS, SCISEARCH'  
EEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
ROCESSING COMPLETED FOR L5  
6 1 DUPLICATE REMOVE L5 (1 DUPLICATE REMOVED)

> d l6 1 ibib abs

6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
CESSION NUMBER: 2002:91272 CAPLUS  
OCUMENT NUMBER: 136:196403  
ITILE: Luminescent quantum dot-adaptor protein-antibody  
conjugates for use in fluoroimmunoassays  
UTHOR(S): Goldman, E. R.; Balighian, E. D.; Kuno, M. K.;  
Labrenz, S.; Tran, P. T.; Anderson, G. P.; Mauro, J.  
M.; Mattoussi, H.  
ORPORATE SOURCE: Center for Bio/Molecular Science and Engineering, U.S.  
Naval Research Laboratory, Washington, DC, 20375, USA  
OURCE: Physica Status Solidi B: Basic Research (2002),  
229(1), 407-414  
CODEN: PSSBBD; ISSN: 0370-1972  
UBLISHER: Wiley-VCH Verlag Berlin GmbH  
OCUMENT TYPE: Journal  
ANGUAGE: English

B A method for the prepn. and characterization of bioinorg. conjugates made  
with highly luminescent \*\*\*semiconductor\*\*\* CdSe-ZnS core-shell  
quantum dots (QDs) and antibodies for use in fluoroimmunoassays is  
presented. The conjugation strategy employs two routes: 1. Use of an  
engineered mol. adaptor protein, attached to the QDs via  
electrostatic/hydrophobic self-assembly, to \*\*\*link\*\*\* the inorg.  
fluorophore with antibodies, and 2. use of avidin, also electrostatically  
self-assembled onto the \*\*\*nanocrystal\*\*\* surface, which allows QD  
conjugation to biotinylated antibodies via avidin-biotin binding scheme.  
With this approach, the av. no. of antibodies conjugated to a single QD  
can be varied. In addn., we have developed a simple purifn. strategy  
based on mixed compn. conjugates of the mol. adaptor and a second "inert"  
two-domain \*\*\*fusion\*\*\* \*\*\*protein\*\*\* that allows the use of  
affinity chromatog. QD/adaptor-antibody conjugates were successfully  
employed in fluoroimmunoassays for the detection of small mol. analytes,  
2,4,6-trinitrobenzene (TNB) and hexahydro-1,3,5-trinitro-1,3,5-triazine  
(RDX). We also demonstrate the use of QD/avidin-antibody conjugates for  
fluoroimmunoassays using a model protein system.

d his

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FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT  
18:35:32 ON 01 NOV 2004

3830 S SEMICONDUCT? (P) NANOCRYSTAL

22 S IONIC CONJUGATE

1851242 S LINK?

167718 S FUSION PROTEIN

2 S L4 (P) L3 (P) L1

1 DUPLICATE REMOVE L5 (1 DUPLICATE REMOVED)

s 11 (p) 12

0 L1 (P) L2

s cdse or zns

43854 CDSE OR ZNS

s 18 (p) 12

0 L8 (P) L2

s 18 (p) L3 (p) 14

2 L8 (P) L3 (P) L4

duplicate remove 110

DUPLICATE PREFERENCE IS 'CAPLUS, SCISEARCH'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L10

1 DUPLICATE REMOVE L10 (1 DUPLICATE REMOVED)

s 111 not 16

0 L11 NOT L6

s leucine zipper

18890 LEUCINE ZIPPER

s maltose binding protein

7855 MALTOSY BINDING PROTEIN

s polyaspartate

790 POLYASPARTATE

s immunoglobulin G binding protein

121 IMMUNOGLOBULIN G BINDING PROTEIN

s 113 or 114 or 115 or 116

27610 L13 OR L14 OR L15 OR L16

s 117 (p) 12

0 L17 (P) L2

s 117 (P) 11

3 L17 (P) L1

duplicate remove 119

DUPLICATE PREFERENCE IS 'CAPLUS, SCISEARCH'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L19

2 DUPLICATE REMOVE L19 (1 DUPLICATE REMOVED)

d 120 1-2 ibib abs

0 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:810733 CAPLUS

TITLE: Self-assembly of phage semiconductor nanowires

AUTHOR(S): Sweeney, Rozamond; Georgiou, George; Iverson, Brent

CORPORATE SOURCE: Department of Chemistry and Biochemistry, University  
of Texas at Austin, Austin, TX, 78712, USA

SOURCE: Abstracts, 60th Southwest Regional Meeting of the  
American Chemical Society, Fort Worth, TX, United  
States, September 29-October 4 (2004), SEPT04-398.  
American Chemical Society: Washington, D. C.

CODEN: 69FVXC  
DOCUMENT TYPE: Conference; Meeting Abstract  
B \*\*\*Semiconductor\*\*\* and metallic nanowires have great potential as nano-electronic circuit components. The organization of nanowires into useful devices remains difficult because of problems in directing self-assembly of individual components. Biol. methods of self-assembling nanowires are being explored because of the high potential for specificity, the diversity of connections, and the ease of manipulation of biol. interactions. Previous work demonstrated that phage could be employed as templates for the synthesis of \*\*\*semiconductor\*\*\* and metallic nanowires. The next step is to assemble the phage nanowires into useful devices by self-assembly of individual phage. We have exploited \*\*\*leucine\*\*\* \*\*\*zipper\*\*\* interactions at the ends of the phage as a means to assemble phage into one- and two-dimensional arrays. We demonstrate the in situ organization of two different sizes of \*\*\*semiconductor\*\*\* \*\*\*nanocrystals\*\*\* into alternating linear arrays. Future work includes modifying the phage ends with trimeric \*\*\*leucine\*\*\* \*\*\*zippers\*\*\* and modulating the length of individual phage.

20 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
ACCESSION NUMBER: 2001:211739 CAPLUS  
DOCUMENT NUMBER: 134:333943  
TITLE: Bioconjugation of highly luminescent colloidal CdSe-ZnS quantum dots with an engineered two-domain recombinant protein  
AUTHOR(S): Mattoussi, H.; Mauro, J. M.; Goldman, E. R.; Green, T. M.; Anderson, G. P.; Sundar, V. C.; Bawendi, M. G.  
CORPORATE SOURCE: Optical Sciences Division, United States Naval Research Laboratory, Washington, DC, 20375, USA  
SOURCE: Physica Status Solidi B: Basic Research (2001), 224(1), 277-283  
CODEN: PSSBBD; ISSN: 0370-1972  
PUBLISHER: Wiley-VCH Verlag Berlin GmbH  
DOCUMENT TYPE: Journal  
LANGUAGE: English

B The authors present a novel approach, based on mol. self-assembly driven by electrostatic attractions, for conjugating inorg. colloidal \*\*\*semiconductor\*\*\* \*\*\*nanocrystals\*\*\* (quantum dots: QDs) having neg. charged surfaces with a 2-domain recombinant protein bearing a pos. charged C-terminal \*\*\*leucine\*\*\* \*\*\*zipper\*\*\* domain. Aggregation-free QD/protein conjugate dispersions were prep'd. Conjugates retain both properties of the starting materials, i.e., biol. activity of the protein and spectroscopic characteristics of the QDs. Such hybrid bio-inorg. conjugates represent a powerful fluorescent tracking tool, because they combine advantages of CdSe-ZnS quantum dots, such as chem. stability and a wide range of size-dependent luminescence emission properties, with a straightforward electrostatic conjugation approach. The authors describe the design and prepn. of a model QD/protein conjugate and present functional characterization of the conjugate using luminescence and bioassays.

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

> d his

(FILE 'HOME' ENTERED AT 18:34:43 ON 01 NOV 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 18:35:32 ON 01 NOV 2004

1 3830 S SEMICONDUCT? (P) NANOCRYSTAL  
2 22 S IONIC CONJUGATE  
3 1851242 S LINK?  
4 167718 S FUSION PROTEIN  
5 2 S L4 (P) L3 (P) L1  
6 1 DUPLICATE REMOVE L5 (1 DUPLICATE REMOVED)  
7 0 S L1 (P) L2  
8 43854 S CDSE OR ZNS  
9 0 S L8 (P) L2  
10 2 S L8 (P) L3 (P) L4  
11 1 DUPLICATE REMOVE L10 (1 DUPLICATE REMOVED)  
12 0 S L11 NOT L6  
13 18890 S LEUCINE ZIPPER  
14 7855 S MALTOSE BINDING PROTEIN  
15 790 S POLYASPARTATE  
16 121 S IMMUNOGLOBULIN G BINDING PROTEIN

17 27610 S L13 OR L14 OR L15 OR L16  
18 0 S L17 (P) L2  
19 3 S L17 (P) L1  
20 2 DUPLICATE REMOVE L19 (1 DUPLICATE REMOVED)

> s anderson g?/au  
21 15057 ANDERSON G?/AU

> s mattoussi h?/au  
22 160 MATTOUSSI H?/AU

> s mauro m?/au  
23 867 MAURO M?/AU

> s bawendi m?/au  
24 356 BAWENDI M?/AU

> s sundar v?/au  
25 164 SUNDAR V?/AU

> s l21 or l22 or l23 or l24 or l25  
26 16502 L21 OR L22 OR L23 OR L24 OR L25

> s l26 and l2  
27 1 L26 AND L2

> s l27 not (l11 or l20)  
28 1 L27 NOT (L11 OR L20)

> d l28 1 ibib abs

28 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
CESSION NUMBER: 2001:713679 CAPLUS  
OCUMENT NUMBER: 135:269662  
ITILE: Inorganic particle conjugates  
NVENTOR(S): \*\*\*Mattoussi, Hedi\*\*\* ; \*\*\*Anderson, George P.\*\*\*  
; Mauro, J. Matthew; \*\*\*Bawendi, Moungi G.\*\*\* ;  
\*\*\*Sundar, Vikram C.\*\*\*  
ATENT ASSIGNEE(S): Massachusetts Institute of Technology, USA; Naval  
Research Laboratory  
OURCE: PCT Int. Appl., 48 pp.  
CODEN: PIXXD2  
OCUMENT TYPE: Patent  
ANGUAGE: English  
AMILY ACC. NUM. COUNT: 1  
ATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001071354	A2	20010927	WO 2001-US8788	20010320
WO 2001071354	A3	20020801		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002182632	A1	20021205	US 2001-811824	20010320
EP 1266223	A2	20021218	EP 2001-924209	20010320
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003528321	T2	20030924	JP 2001-569490	20010320
PRIORITY APPLN. INFO.:			US 2000-190766P	P 20000320
			WO 2001-US8788	W 20010320

OTHER SOURCE(S): MARPAT 135:269662  
B The \*\*\*ionic\*\*\* \*\*\*conjugates\*\*\* include an inorg. particle  
electrostatically assocd. with a macromol. which can interact specifically  
with predetd. chem. species or biol. targets.

> d his

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT  
18:35:32 ON 01 NOV 2004

L1 3830 S SEMICONDUCT? (P) NANOCRYSTAL  
L2 22 S IONIC CONJUGATE  
L3 1851242 S LINK?  
L4 167718 S FUSION PROTEIN  
L5 2 S L4 (P) L3 (P) L1  
L6 1 DUPLICATE REMOVE L5 (1 DUPLICATE REMOVED)  
L7 0 S L1 (P) L2  
L8 43854 S CDSE OR ZNS  
L9 0 S L8 (P) L2  
L10 2 S L8 (P) L3 (P) L4  
L11 1 DUPLICATE REMOVE L10 (1 DUPLICATE REMOVED)  
L12 0 S L11 NOT L6  
L13 18890 S LEUCINE ZIPPER  
L14 7855 S MALTOSE BINDING PROTEIN  
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L16 121 S IMMUNOGLOBULIN G BINDING PROTEIN  
L17 27610 S L13 OR L14 OR L15 OR L16  
L18 0 S L17 (P) L2  
L19 3 S L17 (P) L1  
L20 2 DUPLICATE REMOVE L19 (1 DUPLICATE REMOVED)  
L21 15057 S ANDERSON G?/AU  
L22 160 S MATTOUSSI H?/AU  
L23 867 S MAURO M?/AU  
L24 356 S BAWENDI M?/AU  
L25 164 S SUNDAR V?/AU  
L26 16502 S L21 OR L22 OR L23 OR L24 OR L25  
L27 1 S L26 AND L2  
L28 1 S L27 NOT (L11 OR L20)

=> s l26 and l1  
L29 115 L26 AND L1

=> s l29 and l3 and l4  
L30 2 L29 AND L3 AND L4

=> s l30 notl28  
MISSING OPERATOR L30 NOTL28  
The search profile that was entered contains terms or  
nested terms that are not separated by a logical operator.

=> duplicate remove l30  
DUPLICATE PREFERENCE IS 'CAPLUS, SCISEARCH'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L30  
L31 1 DUPLICATE REMOVE L30 (1 DUPLICATE REMOVED)

=> s l31 not l28  
L32 1 L31 NOT L28

=> d l32 1 ibib abs

L32 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:91272 CAPLUS  
DOCUMENT NUMBER: 136:196403  
TITLE: Luminescent quantum dot-adaptor protein-antibody  
conjugates for use in fluoroimmunoassays  
AUTHOR(S): Goldman, E. R.; Balighian, E. D.; Kuno, M. K.;  
Labrenz, S.; Tran, P. T.; \*\*\*Anderson, G. P.\*\*\* ;  
Mauro, J. M.; \*\*\*Mattoussi, H.\*\*\*  
CORPORATE SOURCE: Center for Bio/Molecular Science and Engineering, U.S.  
Naval Research Laboratory, Washington, DC, 20375, USA  
SOURCE: Physica Status Solidi B: Basic Research (2002),  
229(1), 407-414  
CODEN: PSSBBD; ISSN: 0370-1972  
PUBLISHER: Wiley-VCH Verlag Berlin GmbH  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB A method for the prepn. and characterization of bioinorg. conjugates made  
with highly luminescent \*\*\*semiconductor\*\*\* CdSe-ZnS core-shell  
quantum dots (QDs) and antibodies for use in fluoroimmunoassays is  
presented. The conjugation strategy employs two routes: 1. Use of an  
engineered mol. adaptor protein, attached to the QDs via  
electrostatic/hydrophobic self-assembly, to \*\*\*link\*\*\* the inorg.  
fluorophore with antibodies, and 2. use of avidin, also electrostatically  
self-assembled onto the \*\*\*nanocrystal\*\*\* surface, which allows QD



conjugation to biotinylated antibodies via avidin-biotin binding scheme. With this approach, the av. no. of antibodies conjugated to a single QD can be varied. In addn., we have developed a simple purifn. strategy based on mixed compn. conjugates of the mol. adaptor and a second "inert" two-domain \*\*\*fusion\*\*\* \*\*\*protein\*\*\* that allows the use of affinity chromatog. QD/adaptor-antibody conjugates were successfully employed in fluoroimmunoassays for the detection of small mol. analytes, 2,4,6-trinitrobenzene (TNB) and hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX). We also demonstrate the use of QD/avidin-antibody conjugates for fluoroimmunoassays using a model protein system.

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 18:34:43 ON 01 NOV 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 18:35:32 ON 01 NOV 2004

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L1      3830 S SEMICONDUCT? (P) NANOCRYSTAL
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L3      1851242 S LINK?
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L5      2 S L4 (P) L3 (P) L1
L6      1 DUPLICATE REMOVE L5 (1 DUPLICATE REMOVED)
L7      0 S L1 (P) L2
L8      43854 S CDSE OR ZNS
L9      0 S L8 (P) L2
L10     2 S L8 (P) L3 (P) L4
L11     1 DUPLICATE REMOVE L10 (1 DUPLICATE REMOVED)
L12     0 S L11 NOT L6
L13     18890 S LEUCINE ZIPPER
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L16     121 S IMMUNOGLOBULIN G BINDING PROTEIN
L17     27610 S L13 OR L14 OR L15 OR L16
L18     0 S L17 (P) L2
L19     3 S L17 (P) L1
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L21     15057 S ANDERSON G?/AU
L22     160 S MATTOUSSI H?/AU
L23     867 S MAURO M?/AU
L24     356 S BAWENDI M?/AU
L25     164 S SUNDAR V?/AU
L26     16502 S L21 OR L22 OR L23 OR L24 OR L25
L27     1 S L26 AND L2
L28     1 S L27 NOT (L11 OR L20)
L29     115 S L26 AND L1
L30     2 S L29 AND L3 AND L4
L31     1 DUPLICATE REMOVE L30 (1 DUPLICATE REMOVED)
L32     1 S L31 NOT L28

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=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	71.05	71.26
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.50	-3.50

STN INTERNATIONAL LOGOFF AT 18:45:10 ON 01 NOV 2004